

# Decking Guide



*Kwila decking*



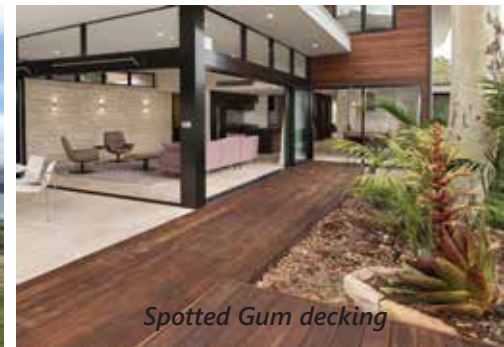
*Accoya decking*



*Vitex decking*



*Kwila decking*



*Spotted Gum decking*



*Vitex decking*

- *Stunning visual appeal when used in harmony with garden and natural surroundings*
- *Non tropical hardwood options available.*
- *Strength and durability can be achieved with the right choice.*
- *Extends living space to outdoors.*
- *Striking timber deck can add value to your property.*
- *Provides a comfortable surface for walking.*
- *Various species and sizes are available from ITI Timspec. To know more, please visit [www.ititimspec.nz](http://www.ititimspec.nz) or call us on (09) 620 0260.*



accoya

Accoya® is the world's leading high technology wood. It is produced from a non-toxic cellular modification process known as acetylation. The softwood used in the process is Radiata Pine sourced from sustainably managed forests in New Zealand. The result is a durable, stable and non-toxic material.

- Accoya® wood is Class 1 durable with performance characteristics better than any hardwood.
- Accoya® wood is FSC® certified and has industry leading environmental credentials ([www.ititimspec.nz](http://www.ititimspec.nz)).
- Accoya® is slightly harder and more brittle than standard Radiata Pine.

**Certification:** FSC®

For more information on Accoya®, please visit [www.ititimspec.nz](http://www.ititimspec.nz)

**Profiles:** 140X19, 190X19



Kwila

**Scientific name:** Intsia spp

**Origin:** Southwest Asia

Kwila is the most well-known hardwood decking timber in New Zealand. It is a pale brown to dark reddish-brown coloured hardwood that comes in a good length spread and is known for its stability. One downside is the tannin content in the timber will leech when exposed to weather, a process called bleeding. This tannin bleeding will stain, so care should be taken with tiles, concrete and other porous surfaces.

**Certification:** All Kwila sourced by ITI Timspec is 100% FSC® certified.

**Profiles:** 42X19, 65x19, 90X19, 140x19, 140x25, 42X32, 65X32, 90X32, 140X32, 42X42, 65X42, 90X42, 140X42, 190X42, 70X70,



Spotted Gum

**Scientific name:** Corymbia maculata

**Origin:** Australia

Spotted Gum is a strong and durable timber with inherent natural oils. The heartwood ranges from pale brown to dark chocolate brown, to deep red-brown, while the sapwood is white to light brown in colour. Spotted Gum is a very attractive timber with moderately coarse texture and a typically attractive wavy grain.

Spotted Gum is regularly used in decking, flooring, heavy engineering, infrastructure and structural projects. It is also used in mining, shipbuilding, bridge and wharf construction, and agricultural machinery. Other uses include railway sleepers, cross arms, poles and piles.

**Certification:** PEFC™

**Profiles:** Smooth 90X22, 134X22.



Vitex

**Scientific name:** Vitex cofassus

**Origin:** Solomon Islands, Papua New Guinea

Vitex is a creamy-grey to light greenish coloured durable hardwood. It planes and machines well and is easy to cut across the grain. A good finish can be obtained and it has good bending qualities.

**Profiles:** 90x19, 115x19, 140x19, 140x32.



**Maintenance:**

All timber decks in NZ will require a certain amount of maintenance and cleaning during their lifetime. The frequency and amount of maintenance required will vary considerably, depending on a number of factors. These include the location, site aspect, and exposure to weather extremes, local habitat and environment, as well as the expected level of use. Generally, annual washing of the deck surface is sufficient to keep the timber free from organic growths or airborne pollutants. However, if the timber surface does show areas of organic or fungal growths, then please refer to the decking installation manual on our website ([www.ititimspec.nz/Downloads/6733/](http://www.ititimspec.nz/Downloads/6733/))



▪ **Lengths Available**

Generally, decking is sold in random lengths. This means supply will cover a range of lengths.

Certain species such as Kwila and Accoya® have good length specifications, so you can expect a nice mix of short, medium and long lengths. Other timbers such as Jarrah and Vitex have shorter lengths so, expect to encounter short lengths. This is generally not a problem as the installer would usually stagger the shortest lengths around the deck so they are not too obvious.

▪ **Profile**

Usually, decking is available with smooth face on both sides. A reeded one face is available on request (also known as griptread) which has a smooth back.

▪ **Durability**

The expected serviceable lifespan will depend on the timber specified. Refer to Timspec installation manual for more information on durability.

▪ **Moisture Content**

Timber is hygroscopic, so it will swell and shrink as it gains/loses moisture from the environment. The moisture content of the sub-frame must not exceed 20% at the time of fixing as problems may arise later resulting in excessive timber movement (shrinkage) if the framing is too wet. If you are ordering decking timber, make sure it has an appropriate moisture content (usually Air Dried is sufficient, but some timbers may need to be Kiln Dried).



▪ **Bleeding**

Most timber species will bleed, which is leeching of a coloured sap or tannin. For many timbers, the amount of bleeding is minimal and will have no effect. Please contact ITI Timspec for a suggestion on the minimum and maximum bleeding species.

▪ **Fixing**

It is recommended that only decking screws are used for fixing decking to joists. This is preferable as timber naturally swells and shrinks, and may push up a smooth shanked nail. It is also recommended to pre-drill screw pilot holes. Refer to ITI Timspec decking installation manual for all recommended fixing methods at [www.ititimspec.nz/Downloads/](http://www.ititimspec.nz/Downloads/)

▪ **Care & Maintenance**

Care must be taken to ensure that timber and accessories are kept clean and dry, and are not damaged whilst in storage awaiting application. Extra care is to be taken while handling timber profiles to ensure that they are not damaged. Upon delivery, timber is to be stacked flat and level on bearers/dunnage that are a maximum of 900mm apart and at least 100mm off the ground. Timber should either be sorted inside an enclosed building or covered with an additional waterproof layer and protected from the elements when stored outside.

For correct on-site storage, handling and installation instructions, please refer to the ITI Timspec Hardwood Decking Installation Guide. Download at <https://ititimspec.nz/Downloads/6733/>

Eva-Last®'s range of composite building solutions offer you premium outdoor living through innovative, durable and eco-friendly products. Eva-Last® manufactures and supplies extruded bamboo-plastic composite decking as well as various accessories to match. Whether you're converting a dull patio area into a dreamy deck, transforming a lifeless wall into a masterful design feature or need expert assistance on your next commercial project, Eva-Last®'s decade of experience will ensure you walk away completely satisfied.

Introducing Infinity™; the latest co-extruded bamboo-plastic composite innovation from Eva-Last®. Over a decade of product research, optimisation and extensive testing led Eva-Last® to the development of this engineered protective cap. The outer layer safeguards our boards from UV, biodegradation and weathering. The process used in the manufacture of the Eva-tech™ core provides variable and authentic colour finishes that mimic the natural beauty of wood. The Infinity™ cap shields the board providing improved colour fade resistance. Infinity™ products are designed to withstand extreme climatic conditions.

Read more here: [www.ititimspec.nz](http://www.ititimspec.nz)



Eva Last decking



Tiger Cove (008)



Antique Wash (089)



Espresso Roast (015)



Cape Town Gray (011)



Smoked Bark (Q1R)



Aged Grain (J1R1)

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